

# CRS Project Summary

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- Items finished
  - Item #5: save output files that failed to export
    - Users now have flag in job file that can be activated.
  - Item #7: HPSS flag
    - Flag is checked.
  - Item #12: NFS home directories and spy server
    - Spy server now operational on all farm nodes.
    - All systems point \*reco accounts to /home/\*reco.

# CRS Project Summary, cont.

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- Items partially finished
  - Item #11: callback script when job exits
    - Mechanism in place
      - Still need to be sure that script is called in all cases.
      - Need to settle on location of script and script parameters.
  - Item #2: more information/evicted jobs clog scheduling
    - Altered Condor job files. Added expression to place evicted jobs on hold.
    - More Condor diagnostics.

# CRS Project Summary, cont.

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- Administrative items finished
  - Code is now in subversion.
  - Automated distribution method to rcrsuser machines.
  - Would still like single instance of code on rcrsuser machines.
  - A lot of time spent on rearranging code layout.
    - Moved away from ypatchy/car/cra model to standard python `import` model.

# CRS Project Summary, cont.

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- Where to go from here
  - Looking at methods for addressing item #3: HPSS pre-staging.
  - Also assessing item #4: Additional methods to load jobs.
  - Items #8 and #9: user configuration of HPSS timeouts and making job slots available while staging out files.
  - Test instances for STAR and PHENIX on rcrsuser2.
    - Allow jobs to use new CRS on each experiment's node pool.